

ABSTRACT

A high flow globe valve with a body defining an interior cavity in communication with a first and second fluid passages. A tubular throttling cage is offset in the cavity away from the second fluid passage and has an open end in communication with the first fluid passage. The throttling cage has flow ports angled towards the second fluid passage and the flow port nearest the second fluid passage is oversized. The throttling cage has flow splitter defined by two adjacent flow ports through the cage opposite the second flow passage. A plug is closely received in the throttling cage and moveable to cover the flow ports thereby restricting flow through the throttling cage.

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